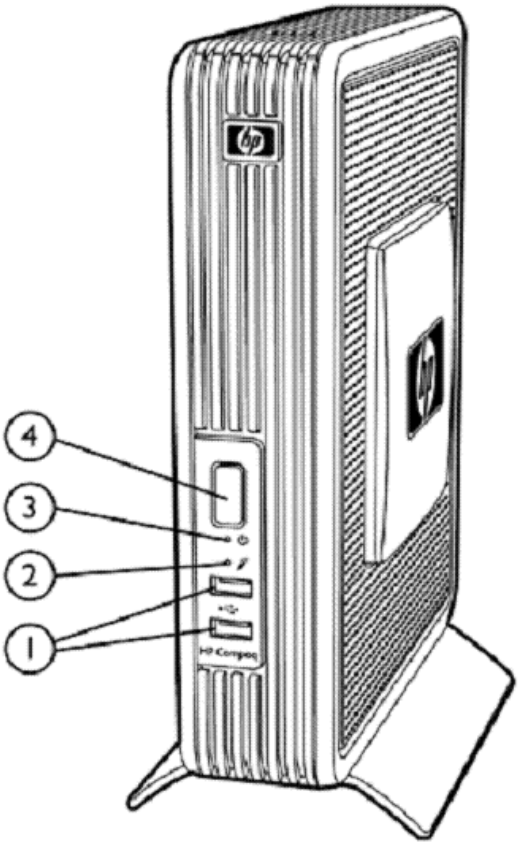
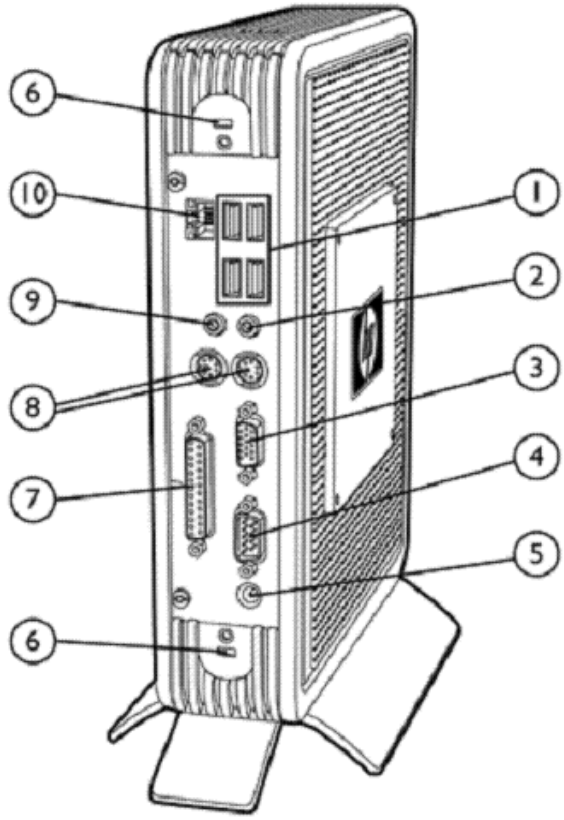
without PCI Expansion Module



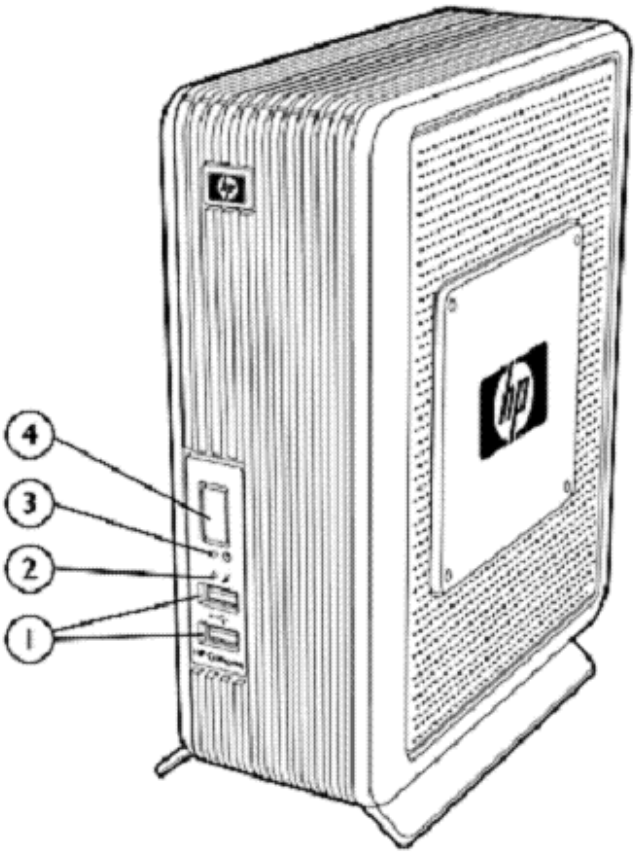
1. USB connectors, 2 front
2. Flash activity LED
3. Power LED
4. Power button

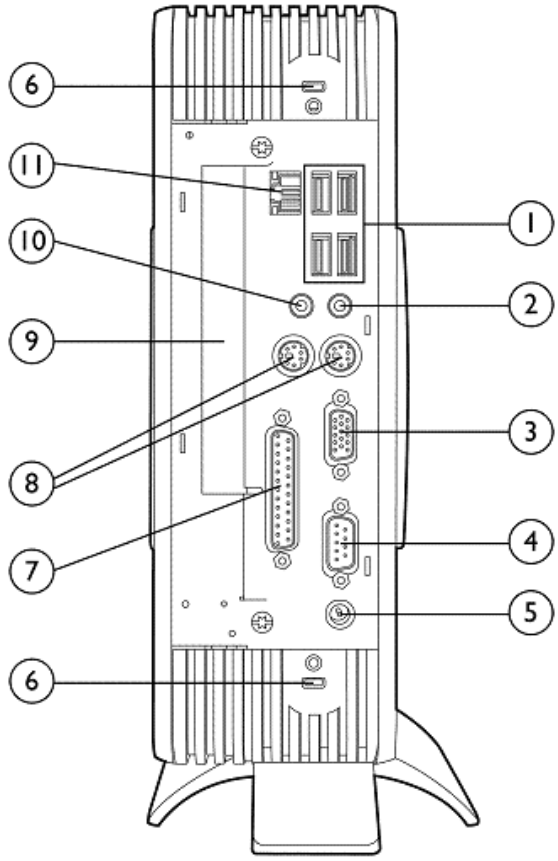


1. USB connectors, 4 rear
2. Line-in audio connector (microphone)
3. Monitor connector
4. Serial connector
5. Power connector
6. Cable lock slots
7. Parallel connector
8. PS/2 connectors (2)
9. Line-out audio (headphone) connector
10. Ethernet RJ-45 connector

Overview

with PCI Expansion Module





1. USB connectors, 2 front
2. Flash activity LED
3. Power LED
4. Power button

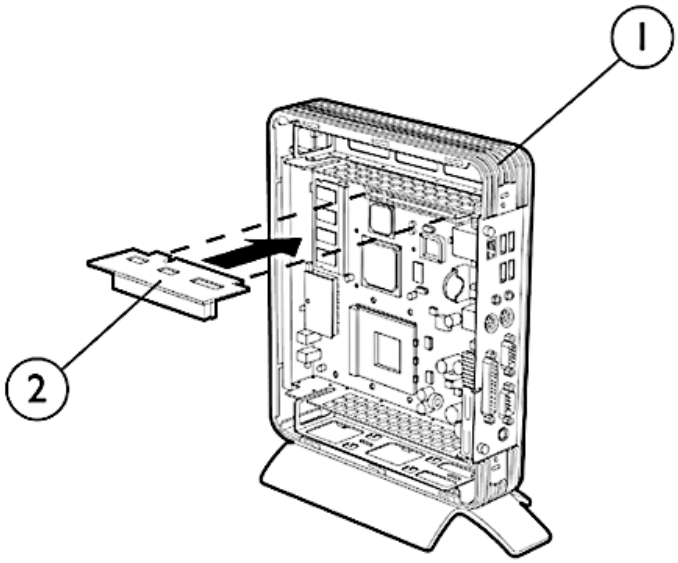
1. USB connectors, 4 rear
2. Line-in audio connector (microphone)
3. Monitor connector
4. Serial connector
5. Power connector
6. Cable lock slots
7. Parallel connector
8. PS/2 connectors (2)
9. PCI access slot
10. Line-out audio (headphone) connector
11. Ethernet RJ-45 connector

Overview

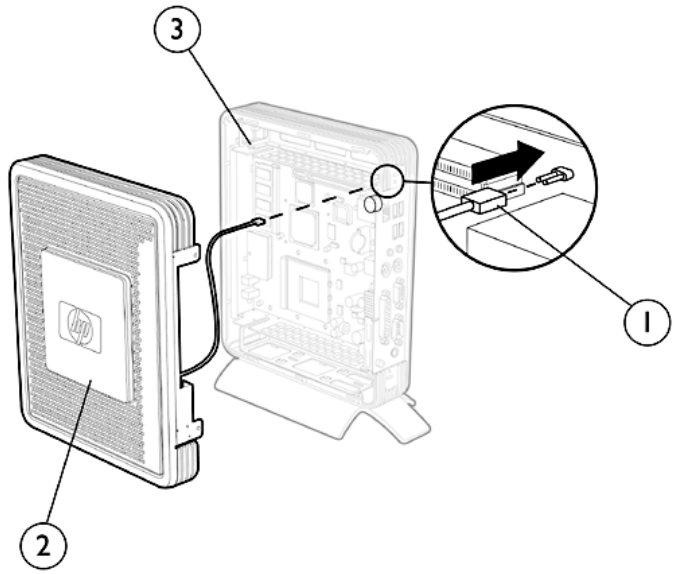
At A Glance

- Simplified IT management for the enterprise and SMB
- HP's "Anywhere Thin Client" with the innovative HP Quick Release
- Microsoft® Windows® XP Embedded operating system SP2
- Desktop-like features at compelling prices
- Lower ownership costs and increased resource efficiency for each end-user
- Now with HP's innovative ThinState Capture and Deploy for easy USB Flash key image capture and redeploy
- AMD Geode NX 1500 processor
- SiS741GX Integrated/UMA graphics with 16 MB shared graphics memory
- Support for up to 1 GB MB of Flash and up to 512 MB DDR SDRAM memory
- Optional PCI Expansion Module
- Protected by Hewlett-Packard Services, including a limited three-year mail-in warranty (certain restrictions and exclusions apply)
- HP Sygate Security Agent pre-installed

Overview - PCI Expansion Module Kit



1. HP Compaq t5720 with cover removed
2. PCI Expansion Module Riser card being inserted into the t5720 thin client unit



1. HP Compaq t5720 with cover removed
2. HP Compaq t5720 PCI Expansion Module cover with audio cable
3. Diagram of audio cable being inserted into t5720 system board

Models

Part Number: EK530AA

Introduction

The PCI Expansion Module for the HP Compaq t5720 allows for optional PCI devices including wireless networking cards (802.11 b/g), dial up modems, additional graphics, network, and input/output options.

Compatibility

HP Compaq t5720 PCI Expansion Module is designed to integrate with HP Compaq t5720 Thin Client to accommodate full-height, ½ length PCI card. Refer to the HP t5720 QuickSpecs for HP supported devices.

Overview - PCI Expansion Module Kit

Restrictions

Do not orient the HP Compaq t5720 Thin Client with the PCI Expansion Module in the horizontal, upside down mode (see figure below) as the unit may overheat. All other orientations are acceptable.

Service and Support

The HP Compaq PCI Expansion Module has a one-year limited warranty. Technical support is available seven days a week, 24 hours a day, by phone, as well as online support forums. Certain restrictions and exclusions apply.

Standard Features - Models

EG840AA#ABA EG840AT#ABA	Processor	AMD Geode NX 1500 processor (1.0 GHz)
	Operating System	Microsoft Windows XP Embedded, Service Pack 2
	Flash Memory	512 MB
	Memory	512 MB DDR SDRAM NOTE: 16 MB of system RAM is reserved for graphics memory.
	Graphics	SiS741GX Integrated/UMA graphics with 16 MB shared graphics memory
	PCI Expansion	Yes
	Browser	Microsoft Internet Explorer 6.0
	Client Management Software	Altiris Deployment Solution license and ThinState Capture and Deploy at no additional charge with each client. HP OpenView Client Configuration Manager support available.
	Terminal Personalities Standard	Yes
	Keyboard	USB or PS/2 (both supported) Keyboard included with every thin client. Type of included keyboard (USB or PS/2) varies by region.
	Mouse	USB or PS/2 (both supported) Mouse included with every thin client. Type of included mouse (USB or PS/2) varies by region.

AH462AA#ABA (TAA compliant)[1]*	Processor	AMD Geode NX 1500
	Operating System	Microsoft Windows XP Embedded, Service Pack 2
	Flash Memory	1 GB
	Memory	1 GB DDR SDRAM NOTE: 16 MB of system RAM is reserved for graphics memory.
	Graphics	SiS741GX Integrated/UMA graphics with 16 MB shared graphics memory
	PCI Expansion	Yes
	Browser	Microsoft Internet Explorer 6.0
	Client Management Software	Altiris Deployment Solution license and ThinState Capture and Deploy at no additional charge with each client. HP OpenView Client Configuration Manager support available.
	Terminal Personalities Standard	Yes
	Keyboard	USB or PS/2 (both supported) Keyboard included with every thin client. Type of included keyboard (USB or PS/2) varies by region.
	Mouse	USB or PS/2 (both supported) Mouse included with every thin client. Type of included mouse (USB or PS/2) varies by region.

[1]Product complies with U.S. Trade Agreement Act (TAA). Available in U.S only.

Options

		Part Number
Accessories	HP t5720/t5725 PCI Expansion Module	EK530AA
	HP Quick Release Kit	EM870AA
	HP/Kensington Cable Lock	PC766A
	50 Watt External Power Supply	FJ851AA
Communications	Ethernet Bridge – Linksys Wireless-G Ethernet Bridge	WET54G
	Ethernet Bridge – Linksys Wireless-G Ethernet Bridge	WET54GS5
	Modem Serial – Zoom 3049 56K v.92 Ext. Modem - Serial	3049-00-00
	Modem USB – Zoom 2985C USB 56K v.90 External Modem	2985-00-00C
	Modem PCI – Agere 2006 PCI Hi-Speed 56K Sof	EK694AA
	Wireless PCI – Cisco Aironet PCI	AIR-PI21AG-A-K9
	Wireless PCI – HP Wireless A+G PCI Adapter (North America Only)	EA118AA
	Wireless PCI – HP Wireless A+G PCI Adapter (Worldwide - except North America)	PZ928AA
Connectivity	HP PS/2 Standard Keyboard	DT527A#ABA
	HP USB Standard Keyboard	DT528A#ABA
	HP USB Smartcard Keyboard	ED707AA#ABA
	HP PS/2 2-Button Scroll Mouse	DD440B
	HP PS/2 2-Button Optical Mouse	EY703AA
	HP USB 2-Button Optical Scroll Mouse	DC172B
	HP Belkin USB To Serial Adapter	EM449AA
Monitors	ELO Touch 1529L Flat Panel – USB /serial combo[1]	E926109
	ELO Touch 1515L Flat Panel – USB/serial combo[1]	E849124
	ELO Touch 1725C CRT – USB/serial combo[1]	E248189
	ELO Touch 1526C CRT – USB/serial combo[1]	E833965
Graphics	NVIDIA Quadro 280nvs 64 MB PCI Dual Head	DY599A
	Matrox EpicA TC4	EPI-TC4P128LPAF
	Matrox EpicA TC2	EPI-TC2P64LPAF
Memory	512 MB DDR SDRAM (333 MHz) Memory	EK692AA
	1024 MB 333 MHz DDR	DC890B
	1 GB Flash Module	AH430AA

Options

Security	HP USB Smartcard Keyboard	ED707AA
	Digital Privacy SCR331 USB Smart Card Reader[1]	904054
	Envoy Data SCR331 USB Smart Card Reader[1]	904054
	TxSystems SCR331 USB Smart Card Reader[1]	904054
	HP/Kensington Cable Lock	PC766A
Storage	Apacer 1 GB Disk on Key (DOK)[1]	AP-HHR100HD2
	Apacer 512 MB Disk on Key (DOK)[1]	AP-HHR512HD2
	HP Driverless USB Diskette Drive	F5101B
	External USB 2.0 Multibay II Cradle	PA509A
	HDD Multibay II 80 GB 5400rpm	PH357A
	Multibay II DVD Drive (Does not support DVD play back)	PA849A
Care Packs	9x5 Next-Business-Day[2] Advanced Exchange - 3 Years	331653-001; U4847E[3]
	9x5 Next-Business-Day[2] On-Site Coverage - 3 Years	331655-001; U4849E[3]
	Hardware Installation	331686-001; U4865E

[1]Option available directly from third party.
[2]Service levels and response times for HP Care Packs may vary depending on your geographic location. Restrictions and limitations apply. For details, visit www.hp.com/go/carepack.
[3]U4847E is available in all regions; U4849E is available in Americas and Asia-Pacific/Japan.

Possible Memory Configurations

Flash Memory	Memory Slot (DDR SDRAM)
512 MB	256 MB
512 MB	512 MB
1 GB	512 MB
1 GB	1 GB

System Unit	Processor	AMD Geode NX 1500 (1.0 GHz)		
	Memory	Flash Memory	512 MB, 1 GB	
		System Memory	256 MB, 512 MB, or 1 GB DDR SDRAM NOTE: 16 MB of system RAM is reserved for graphics memory	
	Graphics	SiS741 GX Integrated/UMA graphics with 16 MB of shared graphics memory		
		Mode	Refresh Rates	Color Depth
		640 x 480	60–200 Hz	8/16/32-bit
		800 x 600	60–160 Hz	8/16/32-bit
		1024 x 768	60–120 Hz	8/16/32-bit
		1152 X 864	60–85 Hz	8/16/32-bit
		1280 x 1024	60–85 Hz	8/16/32-bit
		1600 x 1200	60–85 Hz	8/16/32-bit
		1920 x 1200	60 Hz	8/16/32-bit
		1920 x 1440	60–85 Hz	8/16/32-bit
		2048 x 1536	60–75 Hz	8/16/32-bit
	Input/Output/ Peripheral Support	Keyboard	HP PS/2 Standard Keyboard	
		Mouse	Two button scroll, PS/2	
		Printer	Local and/or network printers (RDP, ICA, LPD) as per the printer support statement	
		Video	SiS74iGX Integrated/UMA graphics with 16 MB shared graphics memory	
	Audio	Output	Internal amplified speaker, 1/8-inch mini, full 16-bit stereo, 44-kHz sample rate	
		Input	1/8-inch mini microphone	
	Security	Two security lock slots (cable lock sold separately) HP Sygate Security Agent		
	Terminal Server Protocols	Integrated Microsoft RDP 5.2 and Citrix ICA 9.15. Terminal personalities standard		
	Networking	10/100 BaseT Fast Ethernet, twisted pair (RJ-45)		
		TCP/IP with DNS and DHCP		
		Point-to-Point Protocol (PPP), Direct Connection through RS-232, Point-to-Point over Ethernet (PPPoE), Point-to-Point Tunneling Protocol (PPTP), Layer-2 Tunneling Protocol (L2TP), Wake on LAN (WOL), PXE		
		Server Network Time Protocol (SNTP)		
		Simple Network Management Protocol (SNMP)		
	I/O ports and connectors	Six USB ports (2 front/4 rear), 1 serial, 1 parallel, RJ-45, 1 PCI expansion, 2 PS/2		
	Resident Operating System	Microsoft Windows XP Embedded, Service Pack 2		

Session Allocation Managers/Session Brokers	HP PC Session Allocation Manager Software for the Consolidated Client Infrastructure, Citrix Desktop Broker for Virtual Desktop Infrastructure	
Server OS Compatibility/ Support	Microsoft Windows NT 4.0 Server, Windows NT 4.0 Terminal Server Edition, Windows 2000/2003 Server families, Windows 2000/2003 Server Terminal Services, Windows 2000 Advanced Server, Windows 2000 Advance Server Terminal Services, Citrix Presentation Server 4.0 including the Desktop Broker feature, Citrix Metaframe Presentation Server 3.0, Citrix Metaframe XP Presentation Server, Citrix Metaframe 1.x, and VMware Virtual Desktop Infrastructure using RDP.	
Software Included	Microsoft Windows XP Embedded preinstalled Microsoft Internet Explorer 6.0 preinstalled HP Sygate Security Agent Altiris Deployment Solution (client agent) preinstalled. Altiris Deployment Solution 6.5 (management console) available as free download from Altiris at: http://www.altiris.com/hptc HP ThinState Capture and Deploy for easy USB Flash key image capture and redeploy Terminal Emulation Software, Citrix ICA, and RDP Windows Media Player 9 Other software available as add-ons (see http://www.hp.com/support for latest list of available add-ons)	
Languages	English	
Dimensions H x W x D (approximate)	Without stand	9.85 x 2.59 x 8.09 in (250.18 x 65.78 x 205.48 mm)
	With stand	10.67 x 4.33 x 9.33 in (271.09 x 110 x 237.1 mm)
	With PCI Expansion Module	9.85 x 3.6 x 8.09 in (250.18 x 87.4 x 205.48 mm)
Weight (approximate)	With stand	3.7 lbs (1.7 kg)
	With PCI Expansion Module	4.5 lbs (2 kg)
Environmental	Temperature range on	50° to 104° F (10° to 40° C)
	Temperature range on when using the Quick Release with a flat panel monitor or PCI expander	50° to 95° F (10° to 35° C)
	Temperature range off	–22° to 140° F (–30° to 60° C)
	Humidity	20% to 80% condensing 10% to 95% non-condensing
	Power*	Worldwide auto-sensing 100-240 VAC, 50-60 Hz energy-saving automatic power-down. Average power consumption of this thin client in a typical setup is 20.1W.

* The actual power consumption at your location could vary and is dependent on many factors including but not limited to software load on the thin client, attached peripherals, and environmental factors.

Regulatory Compliance	Ergonomics	German ZH1/618; EN29241-3, approved
	Safety	UL 1950, CSA 950; TÜV-GS (EN60 950) approved
	RF Interference	FCC Class B; CE Mark; EN55022B; VCCI
Warranty	Three-year limited hardware warranty. NOTE: Certain restrictions apply. Consult the HP Customer Support Center for details.	
Emulations	Emulation	Terminal ID
	ADDS A2	
	AIXTerm	
	ANSI BBS	
	AT 386	
	ATT4410	
	DG 410/412	
	HP 700-92/96	70092, 70094, 70096, 2392A, 2622A
	HZ1500	
	IBM3151	Mod11, Mod31
	IBM3270	3278-2 (24x80), 3278-3 (32x80), 3278-4 (43x80), 3278-5 (27x132), 3278-2-E (24x80), 3278-3-E (32x80), 3278-4-E (43x80), 3278-5-E (27x132), 3279-2 (24x80), 3279-3 (32x80), 3279-4 (43x80), 3279-5 (27x132), 3287-1
	IBM5250	5291-1, 5292-2, 5251-11, 3179-2, 3196-A1, 3180-2, 3477-FC (27x132), 3477-FG (24x80), 3486-BA, 3487-HA, 3487-HC, 3812-1
	SCO Console	
	Stratus V102	
	TA6530	
	TVI910	
	TVI920	
	TVI925	
	TVI950	
	TVI955	
	VT52, VT100, VT100+, VT500 (7- or 8-bit)	VT100, VT101, VT102, VT125, VT131, VT132, M2200, VT220, VT240, VT320, VT340, VT420, VT510, VT520, VT525
	VT HP220, VT UTF8	VT100, VT101, VT102, VT125, VT220, VT240, VT320, VT340, VT420, VT131, VT132, M2200, VT510, VT520, VT525
	VT PCTerm	
	Wyse PCTerm	

		WY50 WY50+ WY60		
PCI Expansion Module Kit	Mechanical (installed on unit)	Dimensions (H x W x D)	Installed on unit	9.85 x 3.44 x 8.09 in (250.18 mm x 87.26 mm x 205.55 mm)
		Approximate Weight	Installed on unit	4.5 lb (2.0 kg)
	Temperature Range	Operating	50° to 95° F (10° to 35° C)	
		Non-operating	–22° to 140° F (–30° to 60° C)	
	AC Adapter (50W) (included in kit)	Input	100–240V, 1.5A/50 60Hz	
		Output	12V, 4.16A, 50W	

Specifications are at sea level with altitude derating of 1.8° F/1000 ft (1° C/300 m) to a maximum of 10,000 ft (3 Km), with no direct, sustained sunlight. Upper limit may be limited by the type and number of options installed.

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